

AMENDMENTS TO THE SPECIFICATION

Please replace Paragraphs [0036] and [0037] with the following paragraphs rewritten in amendment format:

[0036] Straight channel sections of the flow field have angles between 0 and 180°. That is to say, the straight channel section will lie perpendicular to the y-direction (i.e., 90°), perpendicular to the x-direction (i.e., 0 or 180°) or at an angle somewhere therebetween. The cumulative channel length versus angle of the predominant direction can be determined. For example, a unit length is defined in FIG. 5. The cumulative lengths of the flow channels 20 along the x-axis and the y-axis can be determined based on the unit length. ~~Table 1~~ Table 2, below, is an exemplary cumulative length analysis for the exemplary flow field of FIG. 5.

TABLE 1 **TABLE 2**

Axis	Cumulative Length		
	Cathode	Anode	Total
X (0° +- 0.5°)	63	63	126
Y (90° +- 0.5°)	16.6	16.6	33.2

[0037] ~~Table 1~~ Table 2 indicates that the predominate direction for the flow field of FIG. 5 is along the x-axis. It is appreciated that the values provided in ~~Table 1~~ Table 2 are merely exemplary and indicate the cumulative channel lengths for the exemplary flow field of FIG. 5 using the unit length defined.